

Patent Abstracts of Japan

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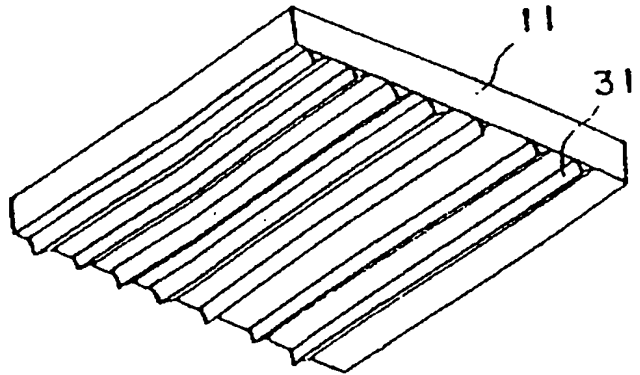
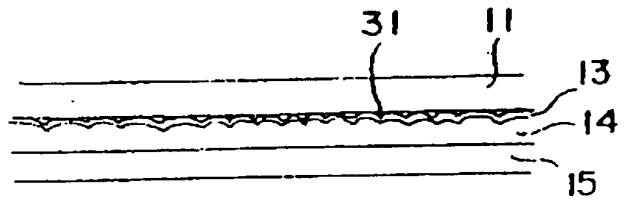
APPLICATION DATE : 06-03-84
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APPLICANT : MITSUBISHI ELECTRIC CORP;

INVENTOR : USAMI SHIGEHISA;

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TITLE : HOT STAMPING FOIL AND
PRODUCTION THEREOF



ABSTRACT : PURPOSE: To obtain a hot stamping foil capable of freely forming various figures, patterns, characters or the like, by a method wherein a releasing agent layer, an ink or vapor-deposited metallic layer and a hot-melt adhesive layer are sequentially laminated on a printed side of a transparent film provided with a rugged pattern by printing in a UV-curing type ink.

CONSTITUTION: The transparent film 11 is calendered in the usual manner, a UV-curing type ink 31 is applied thereto by gravure printing while using a roll with hair lines transferred thereto, and the ink is cured by irradiating with UV rays. Thereafter, a releasing agent 13 is applied to the ink layer, and a pigmented ink is applied thereto by roll printing or a vapor-deposited metallic layer 14 is provided thereon, followed by providing the hot-melt adhesive layer 15 thereon through melting by heating. Accordingly, since hair lines provided on an aluminum plate generally used are transferred, an arbitrary mesh can be obtained, and since the ink itself is cured in several seconds, the shape is maintained as it is, and a real feeling can be obtained.

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